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BEFORE THE
Federal Communications Commission
WASHINGTON, D. C. 20554

**ORIGINAL
RECEIVED**
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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In re)
)
Amendment of 47 CFR §73.202(b),) MM Docket No.
FM Table of Allotments) RM-
(Park Forest and Kankakee,)
Illinois))

TO: Chief, Allocations Branch
Policy and Rules Division
Mass Media Bureau

PETITION FOR RULEMAKING

Gene Milner Broadcasting Company, Inc., licensee of FM Broadcast Station WRZA, Kankakee, Illinois (WRZA), by its attorney, hereby respectfully submits this Petition for Rulemaking and respectfully requests the Commission to amend its FM Table of Allotments, 47 C.F.R. §73.202(b), in the following respect:

Community	Present	Proposed
Park Forest, Illinois	- -	260B
Kankakee, Illinois	224A, 236A, 260B	224A, 236A

Further, WRZA requests that the Commission modify the license of FM Broadcast Station WRZA to specify Park Forest, Illinois as its new community of license. In support whereof, the following is shown:

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1. **Preliminary Statement.** WRZA seeks the Commission to allocate Channel 260B at Park Forest, Illinois in order for that community to have a first local aural broadcast outlet of any type. As will be discussed in greater detail below, the allocation of Channel 260B at Park Forest is consistent with all spacing requirements of Section 73.207 of the Rules while permitting city-grade coverage of all of Park Forest in compliance with Section 73.315 of the Rules. The reference coordinates for the proposed allocation of Channel 260B at Park Forest are the transmitter site for station WRZA¹, which are as follows:

**41° 18' 04" North Latitude
87° 49' 35" West Longitude**

2. This petition is filed pursuant to Section 1.420(i) of the Commission's Rules, which states:

In the course of the rulemaking proceeding to amend §73.202(b) or §73.606(b), the Commission may modify the license or permit of an FM or television broadcast station to specify a new community of license where the amended allotment would be mutually exclusive with the licensee's or permittee's present assignment.

3. **Statement of Interest.** In the event that Channel 260B is allocated to Park Forest, WRZA will file such

¹This results in a site-restriction of approximately 23.9 kilometers southwest of the village hall of Park Forest. The United States Geological Survey has determined that the Park Forest village hall has the following coordinates: 41-29-07; 87-40-45.

application or applications, if any, as it is directed to file by the Commission to confirm its status as a Park Forest station. Upon a grant of this proposal and any required applications, WRZA would operate FM Broadcast Station WRZA on Channel 260B as a Park Forest, Illinois station.

4. Community Status of Park Forest, Illinois. Park Forest is an incorporated village in northeastern Illinois with a 1990 Census population of 24,656. It has a full complement of schools, churches and parks. It clearly is a community for broadcast station licensing purposes. See **FM Table of Allotments, Willows and Dunnigan, California**, 9 FCC Rcd 1802 (1994), where the Commission stated "...As a general rule, if a community is incorporated or is listed in the U.S. Census, that is sufficient to demonstrate its status as a community for allotment purposes."

5. Allocation Considerations. There is appended hereto an Engineering Exhibit prepared by consulting radio engineer Oscar Leon Cuellar, P.E., whose qualifications are well known to the Commission. Mr. Cuellar's statement demonstrates that: (1) Park Forest does not have any broadcast facilities licensed to it at present; (2) station WRZA provides city-grade coverage to all portions of Park

Forest from its present transmitter site and with its present facilities; and (3) the allocation of Channel 260B at Park Forest is consistent with Sections 73.207 and 73.215 of the Commission's Rules. Park Forest is located within the Chicago urbanized area, although its village hall is located approximately 43.3 kilometers (26.9 miles) of the Chicago reference point². In this connection, it is to be noted that Kankakee and surrounding Kankakee County are considered by the Census Bureau to be a metropolitan statistical area. The whole of northeastern Illinois³ is an urbanized, as opposed to rural, area. Thus, this reallocation does not involve the moving of a station from a rural area into an urbanized area.

6. The allocation of Channel 260B at Park Forest, Illinois is in furtherance of the Congressional mandate in 47 U.S.C. §307(b) that the Commission allocate radio frequencies in a "fair, efficient and equitable" manner among the States and communities. The proposed allocation would be the first broadcast station in any service for Park

²Section 76.53 of the Commission's Rules reports Chicago's reference point as: 41-52-28; 87-38-22.

³By this we mean the Illinois counties of Cook, Will, Kankakee, Lake, DuPage, Kane and McHenry are within Census-defined metropolitan

Forest. By contrast, Kankakee, Illinois (1990 Census population 27,575), will continue to have the following full-time commercial broadcast stations licensed to it: Standard Broadcast Station WKAN, 1320 kHz; FM Broadcast Station WLRT, 92.7 MHz; and FM Broadcast Station WVLI, 95.1 MHz. Thus, it goes without saying that fairness among communities would be served by reallocating Channel 260B from Kankakee to Park Forest and allowing Park Forest, with a population almost the same as that of Kankakee, to have its first broadcast station⁴.

7. The Commission has recently reallocated FM stations from one city to another pursuant to Section 1.420(i) of its Rules. See e.g. *FM Table of Allotments, Slidell and Kenner, Louisiana*, DA 97-1974, released September 19, 1997, 1997 WESTLAW 578005; *FM Table of Allotments, Farmington, Grass Valley, Jackson, Linden, Placerville and Fair Oaks, California, and Carson City and Sun Valley, Nevada*, 11 FCC Rcd 8117 (1996); *FM Table of Allotments, Willows and Dunnigan, California*, 10 FCC Rcd 11522 (1995); *FM Table of Allotments, Cadiz and Oak Grove*,

statistical areas. This urbanized area continues into northwestern Indiana (Lake County, Indiana).

⁴Kankakee will continue to receive city-grade service from WRZA.

Kentucky, 10 FCC Rcd 10785 (1995), recons. den., 11 FCC Rcd 22208 (1996); see also **Television Table of Allotments, Johnstown and Jeannette, Pennsylvania**, 12 FCC Rcd 10300 (1997).

8. In particular, the **Slidell/Kenner** and **Johnstown/Jeannette** cases are on point with the instant case. In **Slidell/Kenner**, the Commission granted station WLTS-FM a reallocation of its Channel 287C1 from Slidell, a community which would continue to have one commercial broadcast station after the reallocation, to Kenner, a community "partially within" the New Orleans Urbanized Area but without its own aural broadcast station. WLTS-FM did not propose a change in transmitter site, and therefore it would continue to provide Slidell with 70 dBu service, despite its relicensing to Kenner. In **Johnstown/Jeannette**, the Commission reallocated television channel 19 from a community in the Johnstown-Altoona television market [DMA] to a community in the Pittsburgh DMA, despite the fact that Johnstown's population was almost three times that of Jeannette (28,134 to 11,221), where the petitioner (station WTWB-TV) would continue to use its existing transmitter site.

9. **Conclusion.** Park Forest, Illinois has no aural broadcast station at present, and the allocation of Channel 260B there would provide the community with a first local broadcast outlet, which is a primary objective of 47 U.S.C. §307(b). Based on the precedents in ***Slidell/Kenner*** and ***Johnstown/Jeannette*** discussed above, as well as the public interest, convenience and necessity, WRZA is entitled as a matter of fact and of law to a grant of this Petition for Rulemaking.

WHEREFORE, Gene Milner Broadcasting Company, Inc. urges that the Commission reallocate FM Channel 260B to Park Forest, Illinois.

Respectfully submitted,

**GENE MILNER BROADCASTING COMPANY,
INC.**

By 

Dennis J. Kelly
(D. C. Bar #292631)
Its Attorney

LAW OFFICE OF DENNIS J. KELLY
Post Office Box 6648
Annapolis, MD 21401
Telephone: 888-322-5291

November 13, 1997

ORIGINAL

ENGINEERING EXHIBIT

**PROPOSED RULE MAKING TO
ALLOCATE CHANNEL 260B TO
PARK FOREST, ILLINOIS**

FCC FILE NO. BLH-900117KA

**MILNER BROADCASTING, INC.
dba RADIO STATION WRZA-FM
CH. 260B, 99.9 MHz, 50 kW-ERP
KANKAKEE, ILLINOIS**

OCTOBER 1997

OSCAR LEON CUELLAR, P.E.

CONSULTING ENGINEER ♦ 1559 So LEWISTON ST AURORA, CO 80017-5109 ♦ (303) 671-2740 ♦ FAX (303) 671-2744

**PROPOSED RULE MAKING TO
ALLOCATE CHANNEL 260B TO
PARK FOREST, ILLINOIS**

Milner Broadcasting, Inc., is the licensee (BLH-900117KA) of commercial FM radio station WRZA on 99.9 MHz, Ch. 260B, operating with 50 kW of ERP at an antenna radiation center height of 150 meters above average terrain at Kankakee, Illinois.

In order to provide local broadcast service to a community with no local station, Milner Broadcasting, Inc., hereinafter referred to as "Milner", is proposing to change it's City of License to Park Forest, Illinois. Accordingly, it is proposed that Ch. 260B be deleted from it's designation at Kankakee and reassigned to Park Forest.

To achieve the proposed operation, it is proposed that the FM Table of Allotments of FCC Section 73.202 be amended as follows:

<u>COMMUNITY</u>	<u>PRESENT CHANNEL ASSIGNMENT</u>	<u>PROPOSED CHANNEL ASSIGNMENT</u>
Kankakee, IL	224A, 236A, 260B	224A, 236A
Park Forest, IL	---	260B

No other changes are proposed!

Park Forest has no local broadcast outlet, FM or AM. Milner proposes to bring the first local FM broadcast outlet to Park Forest, IL, a community with a population of 24,656 (1990 Census).

Exhibit No. E-1 is a U.S.G.S. Topographic map, scale 1:250,000, showing WRZA's present antenna site and a segment of it's 3.16 mV/m (70 dBu) contour amply encompassing Park Forest, such that this proposal would comply fully with FCC Section 73.315.

Due to the great differences in the scales between that of Exhibit E-1 and those of the maps depicting the Kankakee and Park Forest city limits, it was nearly impossible to accurately transpose the minute detail of each city's limits onto Exhibit No. E-1. Instead, and to avoid any ambiguity, identifiable landmarks on the city maps, which completely encompassed their respective city boundaries, were carefully selected to form rectangular patterns. Then, for the purposes of clarity, these rectangular patterns were transposed onto Exhibit No. E-1.

Kankakee is presently covered by the 3.16 mV/m contours of WVLI-FM, WLRT-FM, and WRZA-FM. It is also covered by the 5 mV/m contour of WKAN-AM at 1320 kHz, 1 kW-D, 0.5 kW-N, DA-N. These stations are all presently licensed to Kankakee. Of course, Kankakee would continue to receive local broadcast service from the remaining three local stations.

OSCAR LEON CUELLAR, P.E.

CONSULTING ENGINEER ♦ 1559 SO LEWISTON ST AURORA, CO 80017-5109 ♦ (303) 671-2740 ♦ FAX (303) 671-2744

PROPOSED RULE MAKING TO
ALLOCATE CHANNEL 260B TO
PARK FOREST, ILLINOIS

Page Two

Compliance with FCC Guidelines for
Human Exposure to Radio-Frequency Radiation

Milner presently complies with the guidelines set forth in OST Bulletin No. 65 (Edition 97-1), dated August 1997. As no technical or structural change is proposed, Milner will continue, of course, to remain in full compliance with the aforementioned OST Bulletin.

Allocation Study

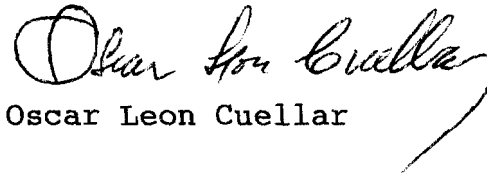
Milner is proposing no change in antenna site or ERP. Therefore, the present allocation conditions will remain the same. For reasons unknown to Milner WRZA became short-spaced with several stations as a consequence of the implementation of the new FCC Rules. This short-spacing is shown on Exhibit No. E-8. Thus, the grant of this Instant Report would in no way affect the present allocation status.

Exhibit No. E-3 is a copy of an official map of Kankakee supplied by Mr. David Schaffer, City Planner, Public Works Department, Kankakee, IL.

Exhibit No. E-4 is a copy of an official map of Park Forest supplied by Miss. Adelle Stone and Miss. Janet Timm, Public Works Department, Park Forest, IL.

Exhibit No's. E-5, E-6, and E-7 show the engineering information regarding distance to contours and heights of antenna radiation centers above average terrain for WRZA, WVLI, and WLRT.

Respectfully submitted,


Oscar Leon Cuellar

October 20, 1997

OSCAR LEON CUELLAR, P.E.

CONSULTING ENGINEER ♦ 1559 So LEWISTON ST AURORA, CO 80017-5109 ♦ (303) 671-2740 ♦ FAX (303) 671-2744

PROPOSED RULE MAKING TO
ALLOCATE CHANNEL 260B TO
PARK FOREST, ILLINOIS

A F F I D A V I T

State of Colorado)
City of Aurora) ss:
County of Arapahoe)

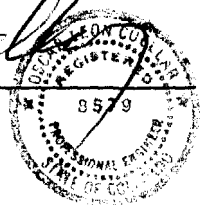
This proposed Rule-Making of Milner Broadcasting, Inc., licensee of commercial radio station WRZA, BLH-900117KA, operating on CH. 260B, 99.9 MHz, with 50 kW-ERP at an antenna radiation center height of 150 meters above average terrain at Kankakee, IL, requesting authorization to change it's City of License to Park Forest, IL, has been prepared by Oscar Leon Cuellar, P.E., Consulting Engineer at Aurora, Colorado.

I am a registered professional engineer in the states of Arizona and Colorado and my engineering qualifications are a matter of record with the Federal Communications Commission since 1963.

All data and statements contained herein are true and correct to the best of my knowledge and belief.


(SEAL)


Oscar Leon Cuellar



Subscribed and sworn to before me this 20th day of October, 1997,
at Aurora, Colorado.

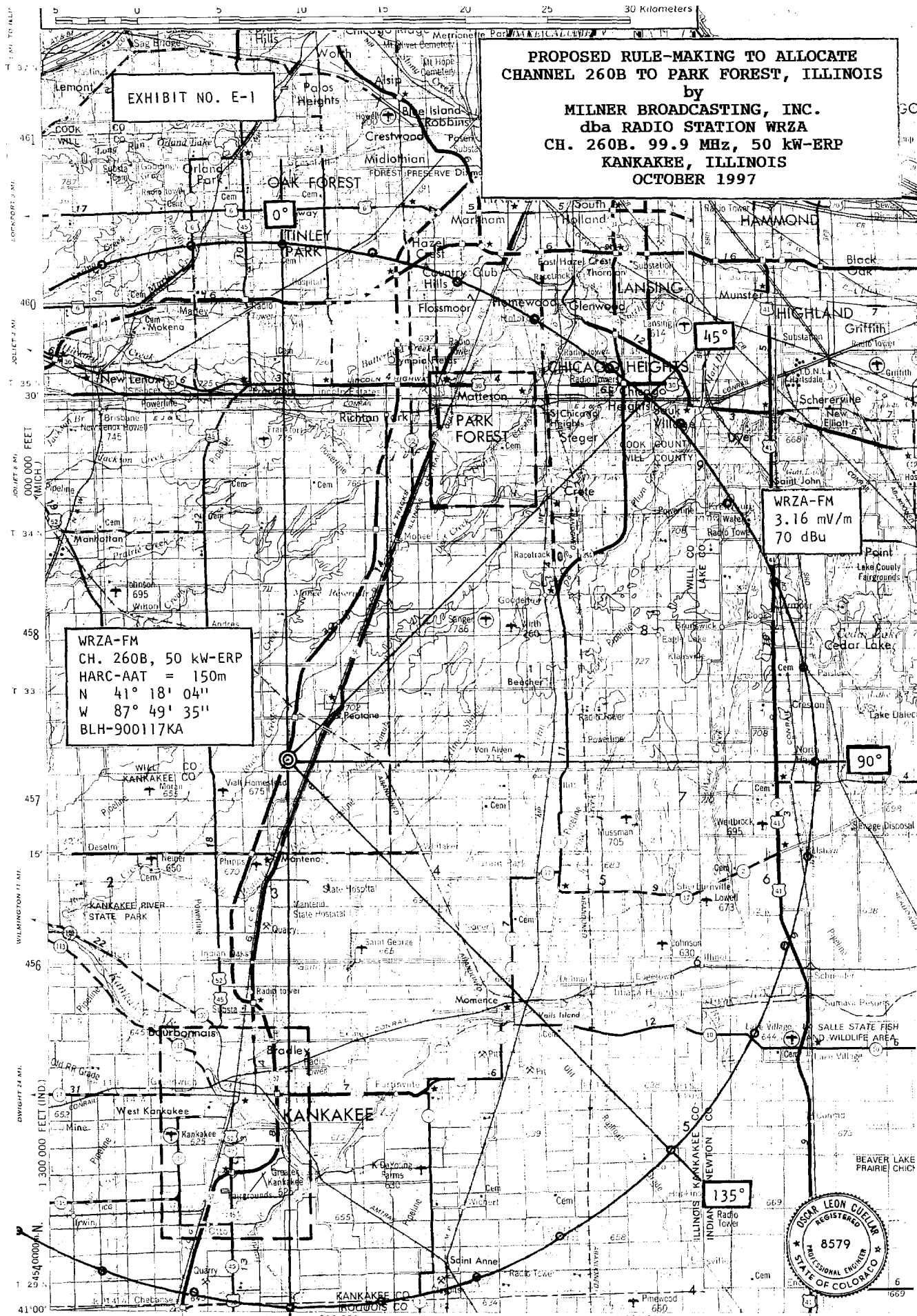
(SEAL)


Notary Public

My Commission expires February 6, 2000.

OSCAR LEON CUELLAR, P.E.

CONSULTING ENGINEER ♦ 1559 SO LEWISTON ST AURORA, CO 80017-5109 ♦ (303) 671-2740 ♦ FAX (303) 671-2744

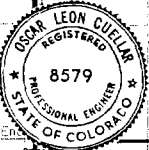


**PROPOSED RULE-MAKING TO ALLOCATE
CHANNEL 260B TO PARK FOREST, ILLINOIS**
by
MILNER BROADCASTING, INC.
dba RADIO STATION WRZA
CH. 260B. 99.9 MHz, 50 kW-ERP
KANKAKEE, ILLINOIS
OCTOBER 1997

EXHIBIT NO. E-1

WRZA-FM
CH. 260B, 50 kW-ERP
HARC-AAT = 150m
N 41° 18' 04"
W 87° 49' 35"
BLH-900117KA

WRZA-FM
3.16 mV/m
70 dBu



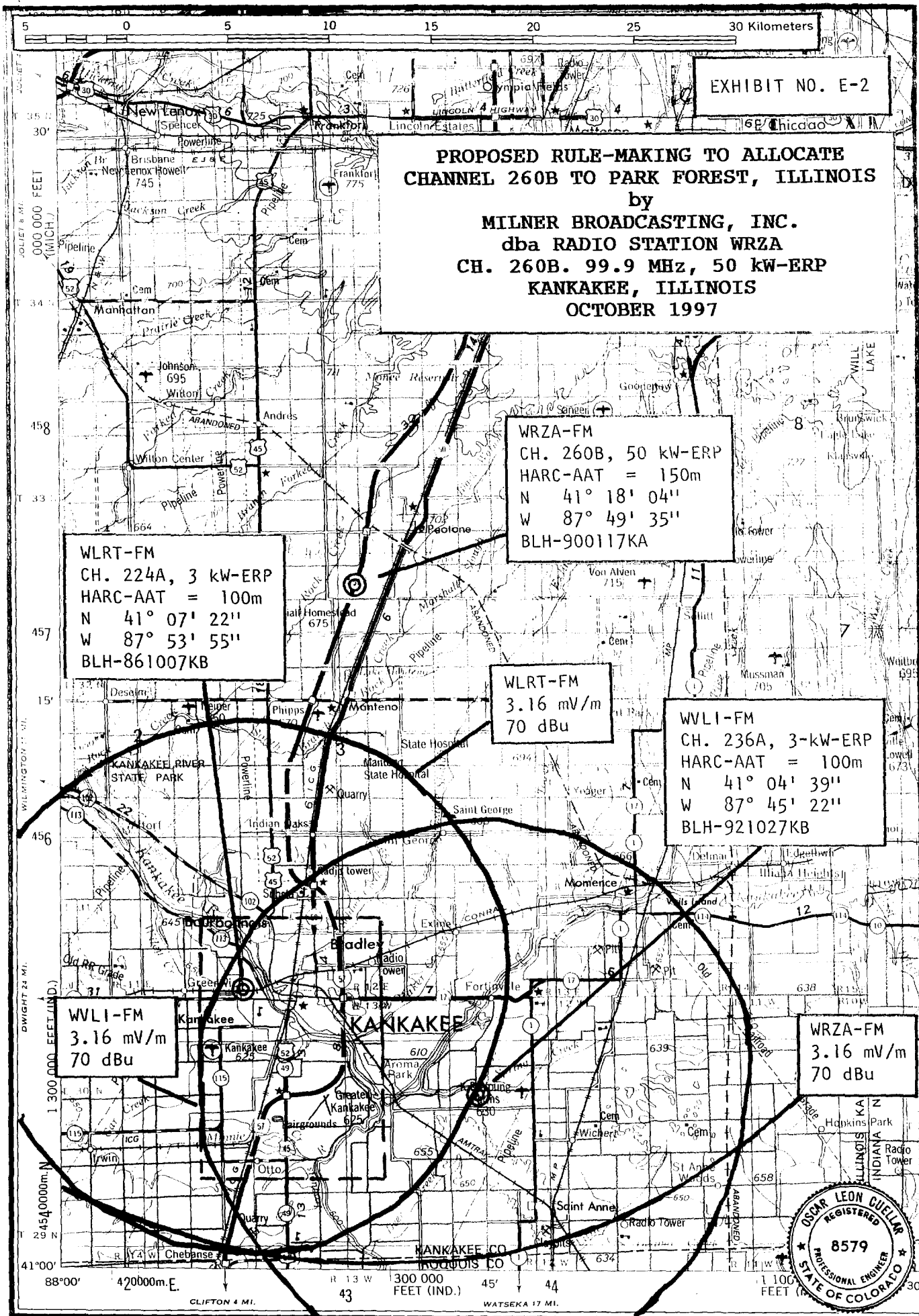


EXHIBIT NO. E-2

**PROPOSED RULE-MAKING TO ALLOCATE
CHANNEL 260B TO PARK FOREST, ILLINOIS**
by
MILNER BROADCASTING, INC.
dba RADIO STATION WRZA
CH. 260B. 99.9 MHz, 50 kW-ERP
KANKAKEE, ILLINOIS
OCTOBER 1997

WLRT-FM
CH. 224A, 3 kW-ERP
HARC-AAT = 100m
N 41° 07' 22"
W 87° 53' 55"
BLH-861007KB

WRZA-FM
CH. 260B, 50 kW-ERP
HARC-AAT = 150m
N 41° 18' 04"
W 87° 49' 35"
BLH-900117KA

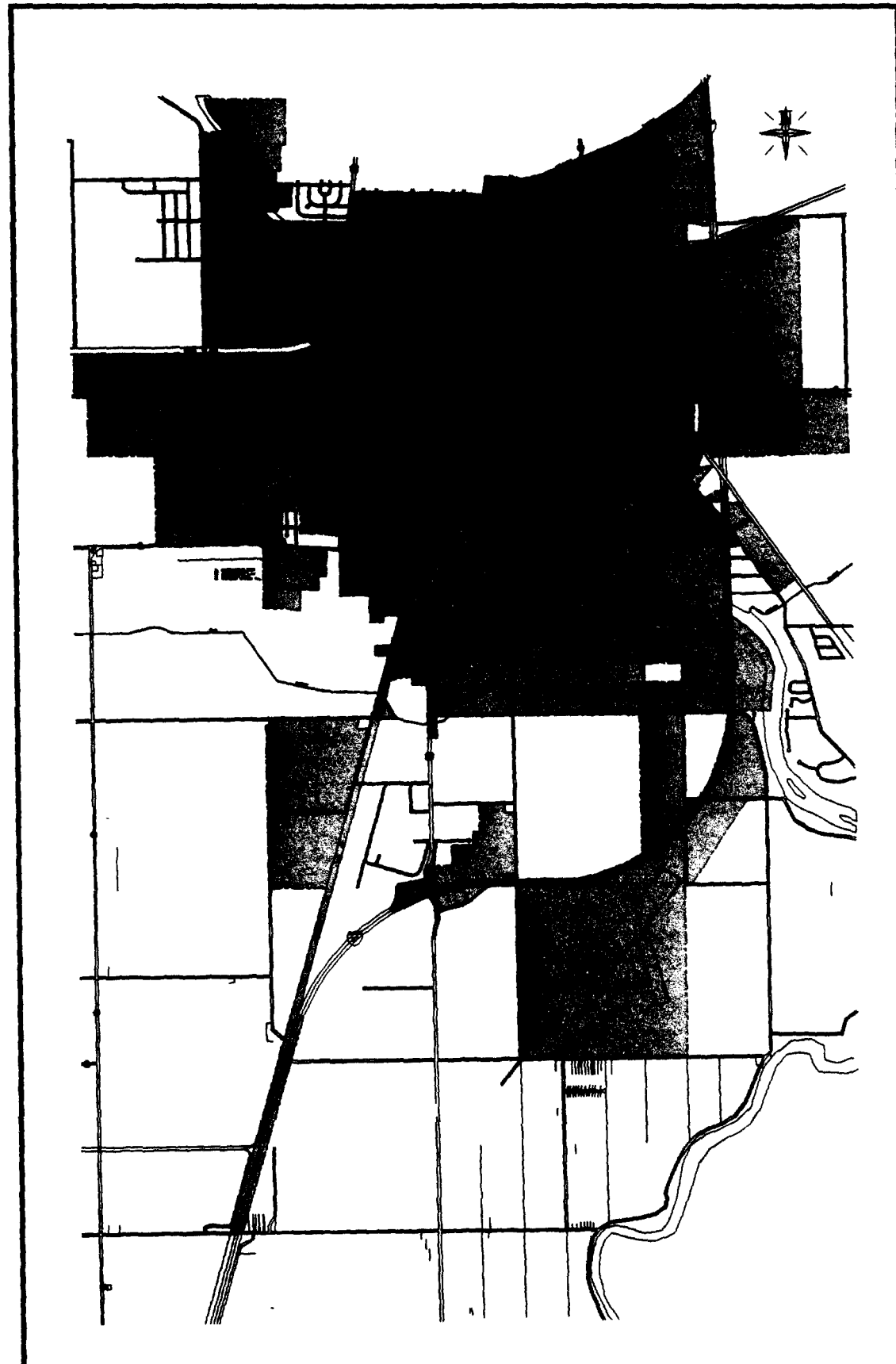
WLRT-FM
3.16 mV/m
70 dBu

WVLI-FM
CH. 236A, 3-kW-ERP
HARC-AAT = 100m
N 41° 04' 39"
W 87° 45' 22"
BLH-921027KB

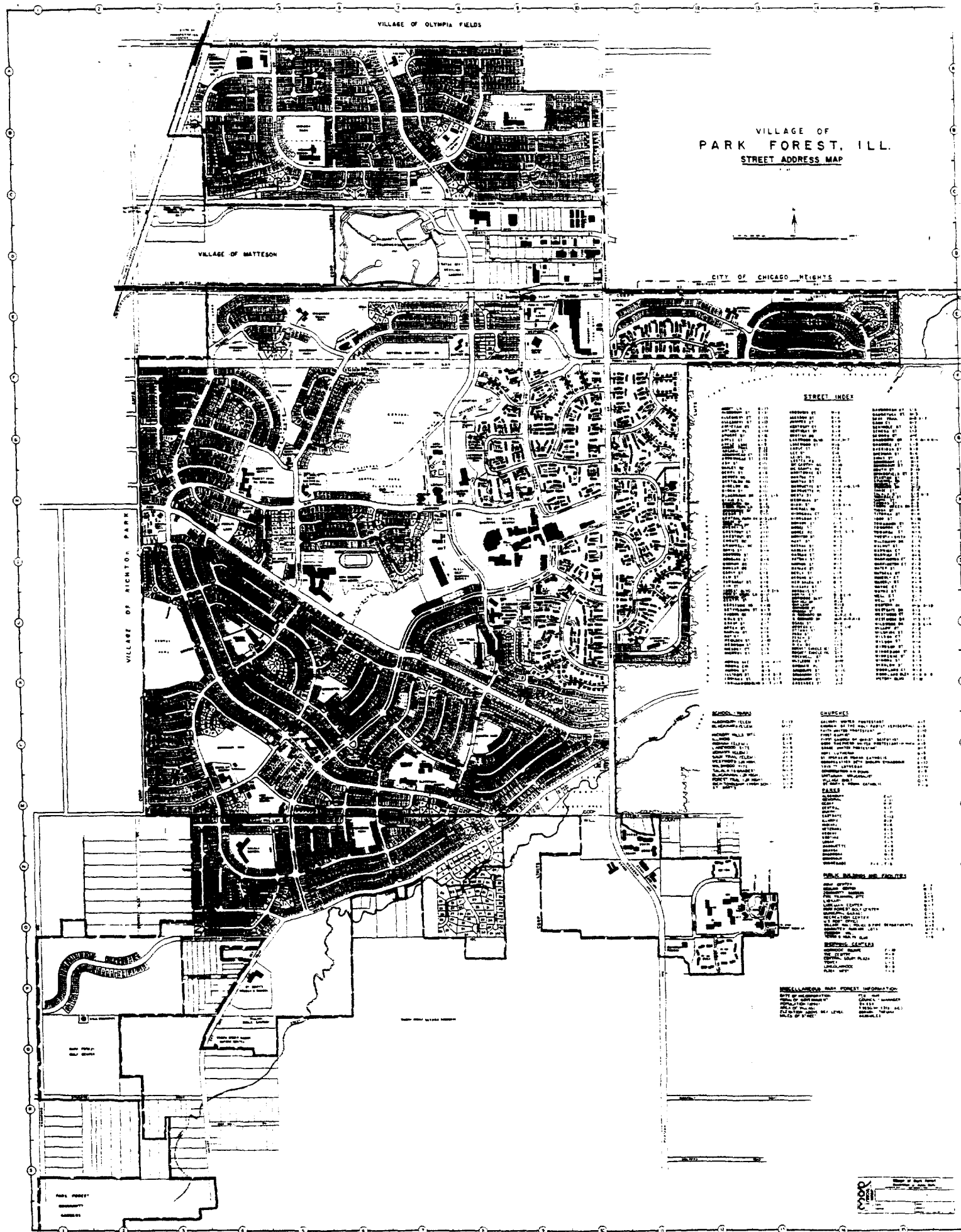
WVLI-FM
3.16 mV/m
70 dBu

WRZA-FM
3.16 mV/m
70 dBu





City of Kankakee Planning Department 165 N. Schuyler Ave. Kankakee, IL 60901			MUNICIPAL MAP SERIES DATE: 09/92			COMPOSITION <input checked="" type="checkbox"/> 1 BORDER/TITLE <input checked="" type="checkbox"/> 2 ROAD ROW <input checked="" type="checkbox"/> 3 STREET NAME <input type="checkbox"/> 4 PARCEL			<input type="checkbox"/> 5 CORP. LIMITS <input type="checkbox"/> 6 PTS. OF INT. <input checked="" type="checkbox"/> 7 HIGHWAY ROW <input type="checkbox"/> 8 <input type="checkbox"/> 9			REVISION BY: [] DATE: []	
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Oscar Leon Cuellar P.E.

Project: WRZA Curves: VHF Low Band for 88 MHz to 108 MHz

Source Coordinates: 41-18-04 North 87-49-35 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (680) feet

Antenna HAAT: 150.0 meters

Antenna Center Above Sea Level: 358.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----								
AZM	HAAT	ERP	70 dB	60 dB	100 dB	80 dB	54 dB	40 dB
deg	(m)	(kW)	(km)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10	50,10
0	137	50.00	31.2	50.3	5.7	18.8	76.1	136.0
5	137	50.00	31.2	50.3	5.7	18.8	76.1	136.0
10	136	50.00	31.1	50.2	5.7	18.8	75.9	135.8
15	133	50.00	30.8	49.8	5.6	18.5	75.4	135.4
20	132	50.00	30.7	49.6	5.6	18.4	75.3	135.3
25	131	50.00	30.6	49.5	5.6	18.3	75.1	135.1
30	133	50.00	30.8	49.8	5.6	18.5	75.4	135.4
35	133	50.00	30.8	49.8	5.6	18.5	75.4	135.4
40	134	50.00	30.9	49.9	5.6	18.6	75.6	135.5
45	137	50.00	31.2	50.3	5.7	18.8	76.1	136.0
50	140	50.00	31.5	50.7	5.8	19.1	76.5	136.4
55	137	50.00	31.2	50.3	5.7	18.8	76.1	136.0
60	136	50.00	31.1	50.2	5.7	18.8	75.9	135.8
65	139	50.00	31.4	50.6	5.7	19.0	76.4	136.2
70	142	50.00	31.7	51.0	5.8	19.3	76.8	136.6
75	144	50.00	31.9	51.3	5.8	19.4	77.1	136.9
80	145	50.00	32.0	51.4	5.9	19.5	77.3	137.0
85	147	50.00	32.2	51.7	5.9	19.7	77.6	137.3
90	147	50.00	32.2	51.7	5.9	19.7	77.6	137.3
95	147	50.00	32.2	51.7	5.9	19.7	77.6	137.3
100	148	50.00	32.3	51.8	5.9	19.8	77.8	137.4
105	149	50.00	32.4	51.9	5.9	19.9	77.9	137.5
110	149	50.00	32.4	51.9	5.9	19.9	77.9	137.5
115	151	50.00	32.6	52.2	6.0	20.0	78.2	137.8
120	153	50.00	32.8	52.4	6.0	20.2	78.5	138.1
125	153	50.00	32.8	52.4	6.0	20.2	78.5	138.1
130	154	50.00	32.9	52.5	6.0	20.2	78.6	138.3
135	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
140	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
145	157	50.00	33.2	52.9	6.1	20.4	79.1	138.7
150	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
155	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
160	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
165	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
170	157	50.00	33.2	52.9	6.1	20.4	79.1	138.7
175	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8

**PROPOSED RULE-MAKING TO ALLOCATE
CHANNEL 260B TO PARK FOREST, ILLINOIS**

by

MILNER BROADCASTING, INC.

dba RADIO STATION WRZA

CH. 260B. 99.9 MHz, 50 kW-ERP

KANKAKEE, ILLINOIS

OCTOBER 1997

Oscar Leon Cuellar P.E.

Project: WRZA Curves: VHF Low Band for 88 MHz to 108 MHz

Source Coordinates: 41-18-04 North 87-49-35 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (680) feet

Antenna HAAT: 150.0 meters

Antenna Center Above Sea Level: 358.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----								
AZM	HAAT	ERP	70 dB	60 dB	100 dB	80 dB	54 dB	40 dB
deg	(m)	(kW)	(km)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10	50,10
180	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
185	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
190	154	50.00	32.9	52.5	6.0	20.2	78.6	138.3
195	154	50.00	32.9	52.5	6.0	20.2	78.6	138.3
200	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
205	157	50.00	33.2	52.9	6.1	20.4	79.1	138.7
210	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
215	156	50.00	33.1	52.8	6.1	20.4	78.9	138.5
220	158	50.00	33.3	53.0	6.1	20.5	79.2	138.8
225	160	50.00	33.5	53.2	6.1	20.6	79.5	139.1
230	161	50.00	33.6	53.3	6.2	20.7	79.6	139.2
235	163	50.00	33.8	53.6	6.2	20.9	79.9	139.5
240	161	50.00	33.6	53.3	6.2	20.7	79.6	139.2
245	160	50.00	33.5	53.2	6.1	20.6	79.5	139.1
250	160	50.00	33.5	53.2	6.1	20.6	79.5	139.1
255	162	50.00	33.7	53.5	6.2	20.8	79.8	139.4
260	162	50.00	33.7	53.5	6.2	20.8	79.8	139.4
265	162	50.00	33.7	53.5	6.2	20.8	79.8	139.4
270	160	50.00	33.5	53.2	6.1	20.6	79.5	139.1
275	159	50.00	33.4	53.1	6.1	20.6	79.4	139.0
280	157	50.00	33.2	52.9	6.1	20.4	79.1	138.7
285	154	50.00	32.9	52.5	6.0	20.2	78.6	138.3
290	153	50.00	32.8	52.4	6.0	20.2	78.5	138.1
295	153	50.00	32.8	52.4	6.0	20.2	78.5	138.1
300	151	50.00	32.6	52.2	6.0	20.0	78.2	137.8
305	150	50.00	32.5	52.1	6.0	19.9	78.0	137.7
310	149	50.00	32.4	51.9	5.9	19.9	77.9	137.5
315	148	50.00	32.3	51.8	5.9	19.8	77.8	137.4
320	147	50.00	32.2	51.7	5.9	19.7	77.6	137.3
325	145	50.00	32.0	51.4	5.9	19.5	77.3	137.0
330	145	50.00	32.0	51.4	5.9	19.5	77.3	137.0
335	145	50.00	32.0	51.4	5.9	19.5	77.3	137.0
340	144	50.00	31.9	51.3	5.8	19.4	77.1	136.9
345	142	50.00	31.7	51.0	5.8	19.3	76.8	136.6
350	140	50.00	31.5	50.7	5.8	19.1	76.5	136.4
355	138	50.00	31.3	50.5	5.7	18.9	76.2	136.1

**PROPOSED RULE-MAKING TO ALLOCATE
CHANNEL 260B TO PARK FOREST, ILLINOIS
by
MILNER BROADCASTING, INC.
dba RADIO STATION WRZA
CH. 260B. 99.9 MHz, 50 kW-ERP
KANKAKEE, ILLINOIS
OCTOBER 1997**

Oscar Leon Cuellar P.E.

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Source Coordinates: 41-04-39 North 87-45-22 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (614) feet

Antenna HAAT: 100.0 meters

Antenna Center Above Sea Level: 292.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----

AZM deg	HAAT (m)	ERP (kW)	70 dB (km) 50,50	60 dB (km) 50,50	100 dB (km) 50,10	80 dB (km) 50,10	54 dB (km) 50,10	40 dB (km) 50,10
180	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
185	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
190	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
195	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
200	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
205	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
210	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
215	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
220	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
225	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
230	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
235	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
240	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
245	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
250	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
255	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
260	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
265	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
270	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
275	106	3.000	13.9	24.8	2.3	7.9	37.6	76.9
280	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
285	108	3.000	14.0	25.0	2.3	7.9	38.0	77.3
290	108	3.000	14.0	25.0	2.3	7.9	38.0	77.3
295	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
300	106	3.000	13.9	24.8	2.3	7.9	37.6	76.9
305	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
310	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
315	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
320	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
325	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
330	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
335	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
340	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
345	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
350	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
355	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6

Oscar Leon Cuellar P.E.

Project: WVLI Curves: VHF Low Band for 88 MHz to 108 MHz

Source Coordinates: 41-04-39 North 87-45-22 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (614) feet

Antenna HAAT: 100.0 meters

Antenna Center Above Sea Level: 292.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----								
AZM	HAAT	ERP	70 dB	60 dB	100 dB	80 dB	54 dB	40 dB
deg	(m)	(kW)	(km)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10	50,10
0	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
5	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
10	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
15	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
20	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
25	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
30	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
35	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
40	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
45	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
50	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
55	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
60	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
65	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
70	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
75	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
80	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
85	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
90	94	3.000	13.1	23.4	2.2	7.4	35.3	74.7
95	94	3.000	13.1	23.4	2.2	7.4	35.3	74.7
100	94	3.000	13.1	23.4	2.2	7.4	35.3	74.7
105	95	3.000	13.2	23.5	2.2	7.4	35.5	74.9
110	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
115	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
120	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
125	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
130	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
135	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
140	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
145	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
150	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
155	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
160	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
165	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
170	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
175	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0

Oscar Leon Cuellar P.E.

Project: WLRT Curves: VHF Low Band for 88 MHz to 108 MHz

Source Coordinates: 41-07-22 North 87-53-35 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (620) feet

Antenna HAAT: 100.0 meters

Antenna Center Above Sea Level: 295.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----								
AZM	HAAT	ERP	70 dB	60 dB	100 dB	80 dB	54 dB	40 dB
deg	(m)	(kW)	(km)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10	50,10
0	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
5	95	3.000	13.2	23.5	2.2	7.4	35.5	74.9
10	94	3.000	13.1	23.4	2.2	7.4	35.3	74.7
15	93	3.000	13.0	23.3	2.2	7.3	35.1	74.5
20	92	3.000	13.0	23.2	2.2	7.3	34.9	74.3
25	92	3.000	13.0	23.2	2.2	7.3	34.9	74.3
30	92	3.000	13.0	23.2	2.2	7.3	34.9	74.3
35	94	3.000	13.1	23.4	2.2	7.4	35.3	74.7
40	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
45	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
50	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
55	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
60	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
65	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
70	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
75	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
80	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
85	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
90	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
95	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
100	106	3.000	13.9	24.8	2.3	7.9	37.6	76.9
105	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
110	109	3.000	14.1	25.1	2.3	8.0	38.1	77.5
115	110	3.000	14.2	25.2	2.3	8.0	38.3	77.6
120	109	3.000	14.1	25.1	2.3	8.0	38.1	77.5
125	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
130	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
135	106	3.000	13.9	24.8	2.3	7.9	37.6	76.9
140	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
145	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
150	108	3.000	14.0	25.0	2.3	7.9	38.0	77.3
155	110	3.000	14.2	25.2	2.3	8.0	38.3	77.6
160	108	3.000	14.0	25.0	2.3	7.9	38.0	77.3
165	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
170	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
175	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2

Oscar Leon Cuellar P.E.

Project: WLRT Curves: VHF Low Band for 88 MHz to 108 MHz

Source Coordinates: 41-07-22 North 87-53-35 West

This program uses the NGDC 30-Second Database.

Site Elevation AMSL: (620) feet

Antenna HAAT: 100.0 meters

Antenna Center Above Sea Level: 295.0 meters

----- DISTANCES TO CONTOURS IN KILOMETERS -----

AZM	HAAT	ERP	70 dB	60 dB	100 dB	80 dB	54 dB	40 dB
deg	(m)	(kW)	(km)	(km)	(km)	(km)	(km)	(km)
			50,50	50,50	50,10	50,10	50,10	50,10
180	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
185	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
190	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
195	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
200	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
205	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
210	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
215	96	3.000	13.2	23.6	2.2	7.5	35.7	75.1
220	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
225	98	3.000	13.4	23.9	2.2	7.5	36.1	75.4
230	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
235	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
240	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
245	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
250	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
255	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
260	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
265	103	3.000	13.7	24.4	2.3	7.7	37.1	76.4
270	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
275	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
280	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
285	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
290	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
295	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
300	105	3.000	13.8	24.7	2.3	7.8	37.4	76.7
305	107	3.000	14.0	24.9	2.3	7.9	37.8	77.1
310	110	3.000	14.2	25.2	2.3	8.0	38.3	77.6
315	114	3.000	14.4	25.6	2.4	8.1	39.0	78.3
320	113	3.000	14.3	25.5	2.3	8.1	38.8	78.2
325	104	3.000	13.8	24.5	2.3	7.8	37.3	76.6
330	102	3.000	13.6	24.3	2.3	7.7	36.9	76.2
335	101	3.000	13.6	24.2	2.3	7.7	36.7	76.0
340	100	3.000	13.5	24.1	2.3	7.6	36.5	75.8
345	99	3.000	13.4	24.0	2.2	7.6	36.3	75.6
350	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3
355	97	3.000	13.3	23.8	2.2	7.5	35.9	75.3

08-19-1997

Oscar Leon Cuellar P.E.

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FM Study for: WRZA		FCC Database Date: 7/97		41-18-04	
Location: KANKAKEE, IL		Channel Class: B		87-49-35	
Call	City, State	Chan Class	Freq kW	Latitude	Dist.
Status	Proponent	File Number	HAAT	Longitude	Azm.
				Clear (km)	

>>>>>>> Study For Channel 260 99.9 mHz <<<<<<<<					
WRZA	KANKAKEE, IL	260 B	99.9 50.	41-18-04	0.0 241
LIC	GENE MILNER BROADCAST	BLH-900117KA	150	87-49-35	0.0 -241.0 SHORT
WHFBBM	BENTON HARBOR, MI	260 B	99.9 50.	42-03-17	141.3 241
LIC	WHFB B/C ASSOCIATES L	BLH-900118KB	147	86-27-31	53.2 -99.7 SHORT
	Use of 73.215 for short spacing requires:	211			-69.7 SHORT
WTHIFM	TERRE HAUTE, IN	260 B	99.9 50.	39-27-57	206.9 241
LIC	WABASH VALLEY BROADCAST	BLH-820910AJ	149	87-24-12	169.9 -34.1 SHORT
	Use of 73.215 for short spacing requires:	211			-4.1 SHORT
WJVL	JANESVILLE, WI	260 B1	99.9 11.0	42-43-47	193.8 211
LIC	SOUTHERN WISCONSIN RA	BLH-891018KB	153	89-10-10	325.4 -17.2 SHORT
	Use of 73.215 for short spacing requires:	178			+15.8 CLEAR
WSHW	FRANKFORT, IN	259 B	99.7 50.	40-25-14	154.1 169
LIC	KASPAR BROADCASTING C	BLH-820419AT	140	86-24-47	128.9 -14.9 SHORT
	Use of 73.215 for short spacing requires:	145			+9.1 CLOSE
WIXO	BARTONVILLE, IL	260 A	99.9 1.5	40-36-23	163.5 178 73.215
LIC	HOWARD G. BILL	BLH-970303KC	178	89-32-20	242.4 -14.5 SHORT
	Use of 73.215 for short spacing requires:	143			+20.5 CLEAR
WUSN	CHICAGO, IL	258 B	99.5 8.3	41-53-56	68.5 74
LIC	INFINITY BROADCASTING	BLH-891214KB	358	87-37-23	14.3 -5.5 SHORT
	Use of 73.215 for short spacing requires:	71			-2.5 SHORT
WPNTFM	CHICAGO, IL	262 B	100.3 8.3	41-53-56	68.5 74
LIC	CENTURY CHICAGO BROADCAST	BLH-891120KC	358	87-37-23	14.3 -5.5 SHORT
	Use of 73.215 for short spacing requires:	71			-2.5 SHORT
WGLC	MENDOTA, IL	261 A	100.1 6.0+	41-32-16	110.2 113 73.215
LIC	MENDOTA BROADCASTING,	BLH-911023KA	100	89-06-25	284.2 -2.8 SHORT
	Use of 73.215 for short spacing requires:	96			+14.2 CLOSE
NEW	WINAMAC, IN	261 A	100.1 6.0	41-02-21	113.81 113
CP	PROGRESSIVE BROADCAST	BPH-930504MB	100	86-30-55	104.4 +0.81 CLOSE
WKVIFM	KNOX, IN	257 A	99.3 3.3	41-19-20	102.3 69
LIC	KANKAKEE VALLEY BROADCAST	BMLH-910401KB	91	86-36-17	88.3 +33.3 CLEAR
Class B1 with respect to Canada					
WKKC	CHICAGO, IL	207 A	89.3 .250+	41-46-15	54.7 15
LIC	BOARD OF TRUSTEES OF	BLED-900521KB	35	87-37-48	17.4 +39.7 CLEAR